



**U.S. Army Corps
of Engineers,
Huntsville Center**

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**Huntsville Center -
links business
practices and innovative
processes in support of
installations.**

August 2003

Installation Support

Center of Expertise (ISCX)

Huntsville Center (HNC) is the Corps of Engineers' Installation Support Center of Expertise (ISCX). HNC's charter includes programs that are national or broad in scope; require integrated facilities or systems that cross geographical boundaries; require a centralized management structure; or require commonality, standardization, multiple-site adaptation or technology transfer. HNC partners with Corps Districts and Labs to provide timely and cost effective installation support in the following areas:

Electronic Security Systems (ESS), Utility Monitoring and Control Systems (UMCS), and Fire Alarm Systems (FAS). Provides cradle-to-grave services, including criteria development, site surveys, design, procurement, installation, performance testing, acceptance, monitoring and maintenance for ESS, UMCS and FAS. Evaluates existing systems and makes recommendations for necessary improvements. Provides one-week in-school (in Huntsville) and on-site ESS Design courses for engineers, security and force protection personnel. POC is (256) 895-1756

Access Control Points (ACP) Equipment Program. Supports the planning, management and execution of the Army-wide ACP Equipment Program through survey, design, purchase and installation of ACP equipment, employing standardized processes and criteria. POC is (256) 895-8233

Ranges and Training Lands Program (RTLTP). Provides project planning and programming services, including MILCON program development (DD Form 1391). Supports modernizing, equipping, operating, and maintaining ranges and training areas. Services include land use studies, range development plans, analyses of alternatives, design, construction assistance, deployed troops support. Provides oversight and assistance for RTLTP modernization projects (both OMA and MILCON). Develops and maintains standard designs for automated ranges. Provides Force Modernization services including force structure, equipment modernization and stationing assistance. POC is (256) 895-1535

Utilities Acquisition, Sales and Rate Interventions. Performs technical and legal reviews and approves utility services acquisition contracts with a cost exceeding \$250,000 annually. Approves utility resale rates for all Army installations, and off-post and on-post sales contracts exceeding \$500,000 annually. Assists installations with negotiations with both utility companies and resale customers. Provides intervention support in utility rate cases before federal and state regulatory bodies to ensure reliable utility services are obtained in the most cost effective manner. POC (256) 895-1503

Utilities Privatization. Performs engineering, economic analyses and contracting actions to privatize utility plants and systems. Privatization is the transfer of ownership of Government plants and systems to a non-Federal entity, which then becomes responsible for operations, maintenance and improvements. Support includes developing scopes of work, issuing solicitations, evaluating economics of proposals and conducting source selection and evaluation boards. POC is (256) 895-1325

Energy Savings Performance Contracting (ESPC). Provides engineering, legal, contracting and program management for ESPC, resulting in upgraded and energy-efficient equipment through investment by contractors who share in utilities cost savings. The contractor typically provides the financing, design, construction and maintenance of infrastructure improvements and energy-saving equipment and systems, and receives compensation out of the resulting utilities cost savings and ancillary cost reductions. The ESPC Quick Start Program helps installations identify potential ESPC projects with a minimum commitment of time and money. For a small fee, we help an installation select one of our established ESPC contractors, we provide one day of on-site ESPC training, and the contractor performs a brief site survey and prepares a report that provides a list of potential ESPC projects (each with an order of magnitude of contractor investment and projected installation savings). Then, using the results of the contractor's report, we provide advice to the installation leadership in its application of ESPC. POC is (256) 895-1338,

Boiler and Chiller Operations. Provides guidance for boiler and chiller inspections, water quality analysis and assurance, corrosion testing and analysis. POC is (256) 895-1503

Environmental. Manages and provides various environmental services focusing on studies and remediation. Services include baseline studies; design, construction, operation and maintenance of pollution abatement facilities; obtaining NEPA documentation and environmental permits; compliance audits; and support in negotiations with regulatory agencies. Maintains an Environmental Data Management System for efficient analysis and status reporting of installation environmental programs. POC is (256) 895-1463

Facility Repair and Renewal. Fast track, efficient design-build contracting process for facility repairs, renovations and minor construction. Use of work plans prepared by the contractor instead of Government-furnished designs eliminates change orders due to design ambiguities, omissions or errors. Contractor guarantees that execution of its work plan will satisfy the specifications of a performance-oriented Statement of Work (SOW). Fair and reasonable construction price is achieved by competitive bidding among contractors, which then become the existing prime's subcontractor for the project. Best suited for projects that require engineering/design, have tight budget and schedule requirements, and cost \$250,000 or more. POC is (256) 895-1541

Contingency Support. Provides technical and program management support for facilities planning and construction for OCONUS contingency operations, disaster and humanitarian relief efforts. Maintains the Theater Construction Management System (TCMS), a PC-based construction planning, design, management and reporting system used by military engineers to support these requirements. POC is (256) 895-1781

DD Form 1391 Processor and Tri-Service Automated Cost Engineering System (TRACES). Maintains the systems, provides training and hotline support. The DD 1391 Processor, an application of the PAX system, is a web-based system that assists users in preparing, submitting, reviewing, correcting, printing and archiving the DD 1391 and associated data. Supporting programs include ECONPAK, ISCE, ENG3086 and DD1390. TRACES provides the capability to prepare detailed cost estimates (MCACES), parametric cost estimates (PACES/RACER), life cycle cost analyses, cost risk analyses, area cost factors and historical analysis generator. The Unit Price Book (UPB) contains price data for over 20,000 construction line items that are utilized by the above modules. POC for DD Form 1391 (256) 895-1838
POC for TRACES is (256) 895-1842

Furnishings. Provides centralized procurement and delivery of furniture and furnishings for MILCON and renovated (BUP & QOLED) UPH barracks. Procurements are made from UNICOR or GSA-approved vendors. POC is (256) 895-1552

DPW Logistics. Provides guidance and assistance for management of the SRMA supply and equipment programs. POC is (256) 895-1275

DPW Legal. Provides legal advice on public works matters. POC is (256) 895-1140

Fire Protection. Provides guidance and support for all aspects of fire prevention and protection. Advises on fire code applicability and compliance. Performs Fire and Emergency Services Operational Readiness Inspections to evaluate installations' programs. Performs certification evaluations for child development centers and other CDS programs. POC is (256) 895-1287

Explosive Safety. Working with the DoD Explosives Safety Board and Army Technical Center For Explosives Safety, and in partnership with the Protective Design Center at Omaha, provides guidance and support for the development and review of explosive site safety plans, blast resistant designs and blast effects analyses. POC is (256) 895-1651

Huntsville Center – provides quality and efficient services through...

- Focus on customers' needs
- Business processes
- Innovative contracting
- Partnerships that reduce boundaries
- Quantifiable Team measures of success
- Reward employees based on their Team's success
- Continuous improvement

For general information or additional support, please contact:

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Director of ISCX, (256) 895-1501



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